

## ABSTRACT OF THE DISCLOSURE

The invention relates to a flat color CRT in which the upper plate width of a frame for tensioning and fixing a shadow mask is enlarged so that the CRT is free from an influence from howling of the shadow mask and welding and productivity of the shadow mask and the frame may be simplified. The shadow mask assembly comprises a shadow mask having an effective area with slots and a non-effective area without slots in the periphery; and a frame fixing body for tensioning the shadow mask; wherein the shortest distance  $t_M$  from the outermost end of a main frame welded to the shadow mask to the interface between the effective area and the non-effective area and the width  $t_W$  of the mask welding part formed at the upper part of the main frame have the relation of  $0.14 \leq \frac{t_W}{t_M} \leq 1.0$ .